

What is claimed is:

1. A system for data storage, comprising:

5 a cartridge to enclose a disk capable of storing data
and to have a cartridge door to permit access to a disk surface
of the disk;

a carrier structured to enclose said cartridge and
have a carrier door to permit access to said cartridge, said
carrier including an electronic element to have updatable
10 information about contents of data in the disk enclosed in said
cartridge, a display operable to display said updatable
information, and a user control to control which portion of said
information is displayed;

a locking element operable to lock said cartridge
15 within said carrier;

a disk drive to receive said carrier and said
cartridge;

a detection unit within said disk drive to detect that
a carrier has been received at least partially within said disk
20 drive; and

a transfer unit within said disk drive to transfer a
cartridge from within said carrier to an interior of said disk
drive.

2. A cartridge system for a recording medium, comprising:

a recording medium;

a cartridge enclosing said recording medium, said
cartridge having a cartridge door to permit access to said
5 recording medium;

an electronic element in said cartridge having
updatable information indicative of contents of data in said
recording medium enclosed in said cartridge;

a display located in said cartridge operable to
10 display said data; and

a user control for controlling which portion of said
information is displayed.

3. The system of claim 2, wherein the electronic element
stores at least one of a file directory, a file size, or a date.

15 4. The system of claim 2, further comprising a power
supply for said electronic element.

5. The system of claim 4, wherein the power supply is a
battery.

6. The system of claim 2, wherein the user control
20 includes at least one button.

7. The system of claim 2, wherein the recording medium is a disk.

8. The system of claim 2, wherein the recording medium is a tape.

5 9. The system of claim 2, wherein the recording medium is a hard drive.

10. The system of claim 2, further comprising a carrier enclosing said cartridge, said carrier including a display operable to display data.

10 11. A cartridge and carrier system of a disk, comprising:
a disk having updatable information indicative of contents of data on said disk;
a cartridge enclosing said disk, said cartridge having a cartridge door to permit access to said disk surface;
15 a display located in said cartridge operable to display said data; and
a user control for controlling which portion of said information is displayed.